

# **Part 1**

## **Relaying messages**

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# **Emergency communication**

- **First on the scene is in control**
- **That's not you, so turn it over**
- **Get on the air (tonight 146.540 MHz)**

**Area frequency**

**City frequency**

**Repeater frequency**

**National simplex frequency**

- **Start a net going**

# **You're a slave**

- **You shadow**
- **You record**
- **You relay what you're given**
- **Follow usual protocols**
- **No code words**
- **Be brief**
- **Your leader can take the mic**
- **You can relay the relay**

# **Relay demonstration**

**You hear both stations, but they  
can't hear each other**

**Volunteer to be a relay**

***KNØJI, relay***

**Pass messages as accurately as  
you can**

**Record what you could**

**Takes some endurance**

**Part 2**  
**Cross-band repeater**  
**(XBR)**  
**setup made easy**

# **Before you set up**

**Locate two repeater frequencies**

**Must not be simplex frequencies**

**Ideally, these are coordinated**

**Test before using them**

**Set them for simplex in the radio**

# Setup

- **Antenna**

**Must be dual-band (2 m / 70 cm)  
As big an antenna as you can get**

- **Location**

**High as possible between your targets  
Reasonably free from obstructions**

- **Power**

**Battery, solar, how long?**

- **Weather**

**Put everything in a tent or shelter  
Dress appropriately**

# **During operation**

- **You must stay with or nearby the station, to ID and maintain control**
- **You must monitor the station**
- **Take the station offline to ID**



# **Baofeng repeater?**

**Demonstrate with two (one-way)  
Four HTs to create a complete XBR**